



ProTrip™

Complete Trip System Trip Unit Conversion Kits for Westinghouse Power Circuit Breakers

ProTrip is **the complete trip system** for upgrading existing circuit breakers. It replaces your electromechanical trip units with the up-to-date technology of a modern electronic trip unit. And who can do this better than GE? **No one has more experience** in building breakers, and nothing offers greater value than ProTrip.

Designed and tested to ANSI C37.59, ProTrip trip units feature true RMS sensing.

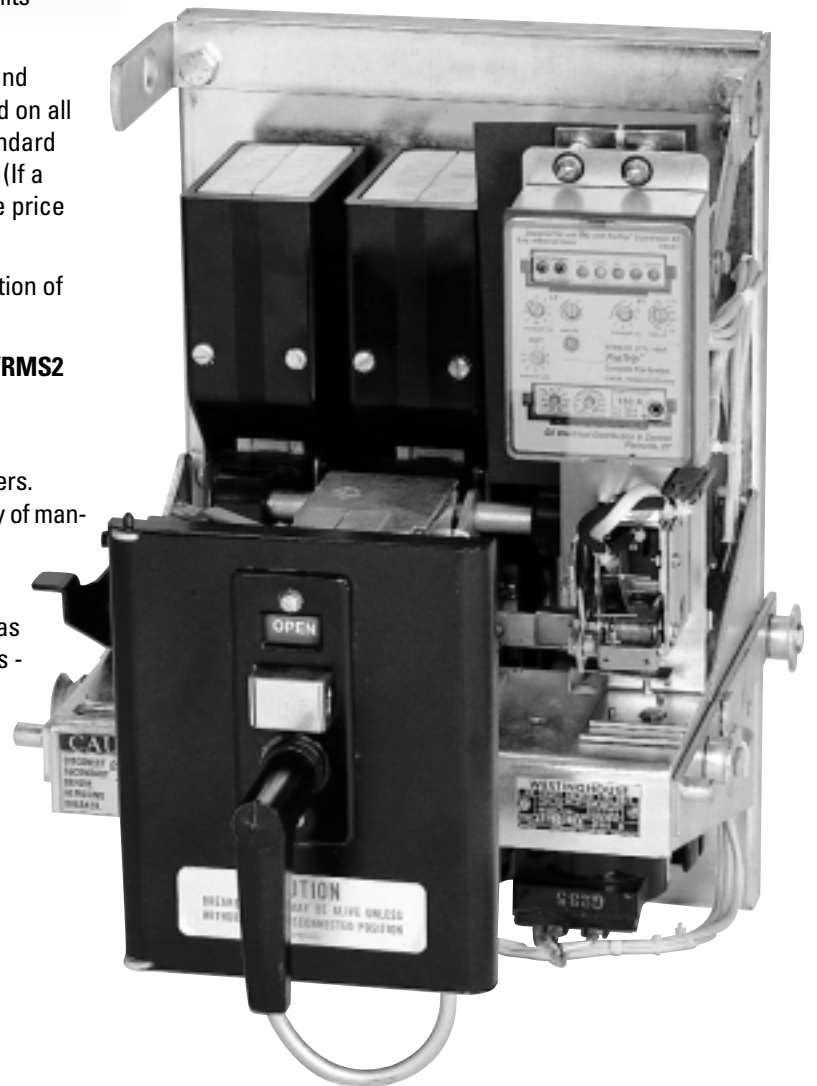
Adjustable **Long Time, Short Time, Instantaneous** and **Defeatable Ground Fault** trip functions are standard on all rating plugs. And ProTrip conversion kits come standard with a rating plug that matches the current sensor. (If a rating plug with a different value is required, please price and order separately.)

A **standard target module** provides quick identification of overload, short circuit and ground fault trips.

Trip unit diagnostics may be performed with the **TVRMS2 trip unit test set**.

ProTrip delivers **improved system protection and performance** for far less than the cost of new breakers. And you can install ProTrip on breakers from a variety of manufacturers, including **GE, Allis Chalmers** and **I-T-E** as well as Westinghouse.

For other valuable GE aftermarket products - such as Power/Vac® VL 5kV and 15kV replacement breakers - contact your GE Industrial Systems sales engineer or **your local FAST™ Team service provider**.



Selection Guide

Conversion Kits

Catalog Number Structure **PDB15 D 3 F 02 08**

Breaker	
DB15, DBL15	= PDB15
DB25, DBL25	= PDB25
DB50, DBL50	= PDB50
DB75	= PDB75
DB100	= PDB10

Model	
D	= Generation

Wiring	
3 Wire	= 3
4 Wire	= 4

Sensor Type	
F	= Fixed CTs

Sensor Rating ¹	
150A	= 01
225A	= 02
600A	= 06
800A	= 08
1600A	= 16
3000A	= 30
4000A	= 40

Trip Functions	
LSIGX	= 08

Trip Unit Functions	
LSIGX	Long Time, Short Time/Inst. & Switchable Ground Fault (off), not approved for a UL Listed breaker

Sensor Rating Selection		
Frame	Breaker Catalog Numbers	Sensors
225	DB15, DBL15	150A, 225A
600	DB25, DBL25	225A, 600A
1600	DB50, DBL50	800A, 1600A
3000	DB75	3000A
4000	DB100	4000A

1. Order rating plug separately, see table below

Rating Plugs

Breaker Frame Size (Amps)	Current Sensor (Amps)	Rating Plug (Amps)	Current Range ^① (Amps)	Rating Plug Cat. No.	Breaker Frame Size (Amps)	Current Sensor (Amps)	Rating Plug (Amps)	Current Range ^① (Amps)	Rating Plug Cat. No.		
225	150	80	40-88	PT1C80GFD	1600	1600	800	400-880	PT16C800GFD		
		100	50-110	PT1C100GFD			1000	500-1100	PT16C1000GFD		
		125	63-138	PT1C125GFD			1100	550-1210	PT16C1100GFD		
		150	75-165	PT1C150GFD ^②			1200	600-1320	PT16C1200GFD		
	225	150	75-165	PT225C150GFD			1600	800-1760	PT16C1600GFD ^②		
		225	113-248	PT225C225GFD ^②			1200	600-1320	PT30C1200GFD		
600	150	80	40-88	PT1C80GFD	3000	3000	1600	800-1760	PT30C1600GFD		
		100	50-110	PT1C100GFD			2000	1000-2200	PT30C2000GFD		
		125	63-138	PT1C125GFD			2500	1250-2750	PT30C2500GFD		
		150	75-165	PT1C150GFD ^②			3000	1500-3300	PT30C3000GFD ^②		
	225	150	75-165	PT225C150GFD			4000	4000	1600	800-1760	PT40C1600GFD
		225	113-248	PT225C225GFD ^②					2000	1000-2200	PT40C2000GFD
	600	600	300	150-330	PT6C300GFD	2500			1250-2750	PT40C2500GFD	
			400	200-440	PT6C400GFD	3000			1500-3300	PT40C3000GFD	
			450	225-495	PT6C450GFD	3600			1800-3960	PT40C3600GFD	
			500	250-550	PT6C500GFD	4000			2000-4400	PT40C4000GFD ^②	
			600	300-660	PT6C600GFD ^②						
1600	800	400	200-440	PT8C400GFD							
		450	225-495	PT8C450GFD							
		500	250-550	PT8C500GFD							
		600	300-660	PT8C600GFD							
		700	350-770	PT8C700GFD							
		800	400-880	PT8C800GFD ^②							

① Long Time pickup range is 0.5-1.1 times the rating plug value. 1.1 setting allows the breaker to carry 100% of the rating plug current value, not to exceed the continuous current (frame) rating of the breaker.

② Rating plug furnished with conversion kit.

For details on other ProTrip™ conversion kits, ask your GE Industrial Systems sales engineer for these publications:

- DET-228** ProTrip Trip Unit Conversion Kits for GE Power Circuit Breakers
- DET-229** ProTrip Trip Unit Conversion Kits for I-T-E Power Circuit Breakers
- DET-231** ProTrip Trip Unit Conversion Kits for Allis Chalmers Power Circuit Breakers



GE Industrial Systems

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